

10/08/98

Patent U.S. PTO

Please type a plus sign (+) inside this box → Approved for use through 09/30/2000 OMB 0651-0032  
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. IB-1064  
First Inventor or Application Identifier Siminovitch, M.J.  
Title High Efficiency Source Coupler  
Express Mail Label No. EE359245491US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Specification [Total Pages 17]  
(preferred arrangement set forth below)
 

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 5]

4. Oath or Declaration [Total Pages ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
 

- i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

**NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

5.  Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
 

- a.  Computer Readable Copy
- b.  Paper Copy (identical to computer copy)
- c.  Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7.  Assignment Papers (cover sheet & document(s))

8.  37 C.F.R. §3.73(b) Statement  Power of  
(when there is an assignee)  Attorney

9.  English Translation Document (if applicable)

10.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
Citations

11.  Preliminary Amendment

12.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

13.  Small Entity Statement(s)  Statement filed in prior application  
(PTO/SB/09-12)  Status still proper and desired

14.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

15.  Other: .....

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No: /

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label  (Insert Customer No. or Attach bar code label here) or  Correspondence address below

|         |                                                                                     |           |              |          |                  |
|---------|-------------------------------------------------------------------------------------|-----------|--------------|----------|------------------|
| Name    | Paul R. Martin, Manager, Patent Department<br>Lawrence Berkeley National Laboratory |           |              |          |                  |
| Address | One Cyclotron Road<br>MS 90-1121                                                    |           |              |          |                  |
| City    | Berkeley                                                                            | State     | CA           | Zip Code | 94720            |
| Country | U.S.                                                                                | Telephone | 510-486-7058 |          | Fax 510-486-7896 |

|                   |                       |                                   |              |
|-------------------|-----------------------|-----------------------------------|--------------|
| Name (Print/Type) | Paul R. Martin        | Registration No. (Attorney/Agent) | 24,593       |
| Signature         | <i>Paul R. Martin</i> |                                   | Date 10/8/98 |

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10/08/98

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# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1  
These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12  
See 37 C.F.R. §§ 1.27 and 1.28.

**TOTAL AMOUNT OF PAYMENT** (\$ 395.00

## Complete if Known

|                      |                        |
|----------------------|------------------------|
| Application Number   | Unassigned             |
| Filing Date          | October 8, 1998        |
| First Named Inventor | Michael J. Siminovitch |
| Examiner Name        |                        |
| Group / Art Unit     |                        |
| Attorney Docket No.  | IB-1064                |

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 12-0690 /order no. 335  
Deposit Account Name Lawrence Berkeley Lab

Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17  Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance

2.  Payment Enclosed:  
 Check  Money Order  Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity             |               | Small Entity           |               | Fee Description | Fee Paid |
|--------------------------|---------------|------------------------|---------------|-----------------|----------|
| Fee Code (\$)            | Fee Code (\$) | Fee Code (\$)          | Fee Code (\$) |                 |          |
| 101 790                  | 201 395       | Utility filing fee     | 395           |                 |          |
| 106 330                  | 206 165       | Design filing fee      |               |                 |          |
| 107 540                  | 207 270       | Plant filing fee       |               |                 |          |
| 108 790                  | 208 395       | Reissue filing fee     |               |                 |          |
| 114 150                  | 214 75        | Provisional filing fee |               |                 |          |
| <b>SUBTOTAL (1) (\$)</b> |               | <b>395</b>             |               |                 |          |

### 2. EXTRA CLAIM FEES

|                    | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims       | 20 -20** = 0 | x              | =        |
| Independent Claims | 1 - 3** = 0  | x              | =        |
| Multiple Dependent |              |                | =        |

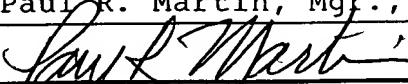
\*or number previously paid, if greater; For Reissues, see below

| Large Entity             |               | Small Entity                                               |               | Fee Description | Fee Paid |
|--------------------------|---------------|------------------------------------------------------------|---------------|-----------------|----------|
| Fee Code (\$)            | Fee Code (\$) | Fee Code (\$)                                              | Fee Code (\$) |                 |          |
| 103 22                   | 203 11        | Claims in excess of 20                                     |               |                 |          |
| 102 82                   | 202 41        | Independent claims in excess of 3                          |               |                 |          |
| 104 270                  | 204 135       | Multiple dependent claim, if not paid                      |               |                 |          |
| 109 82                   | 209 41        | ** Reissue independent claims over original patent         |               |                 |          |
| 110 22                   | 210 11        | ** Reissue claims in excess of 20 and over original patent |               |                 |          |
| <b>SUBTOTAL (2) (\$)</b> |               | <b>0</b>                                                   |               |                 |          |

### 3. ADDITIONAL FEES

| Large Entity                     | Fee Code (\$) | Small Entity                                                               | Fee Code (\$) | Fee Description          | Fee Paid |
|----------------------------------|---------------|----------------------------------------------------------------------------|---------------|--------------------------|----------|
| 105 130                          | 205 65        | Surcharge - late filing fee or oath                                        |               |                          |          |
| 127 50                           | 227 25        | Surcharge - late provisional filing fee or cover sheet                     |               |                          |          |
| 139 130                          | 139 130       | Non-English specification                                                  |               |                          |          |
| 147 2,520                        | 147 2,520     | For filing a request for reexamination                                     |               |                          |          |
| 112 920*                         | 112 920*      | Requesting publication of SIR prior to Examiner action                     |               |                          |          |
| 113 1,840*                       | 113 1,840*    | Requesting publication of SIR after Examiner action                        |               |                          |          |
| 115 110                          | 215 55        | Extension for reply within first month                                     |               |                          |          |
| 116 400                          | 216 200       | Extension for reply within second month                                    |               |                          |          |
| 117 950                          | 217 475       | Extension for reply within third month                                     |               |                          |          |
| 118 1,510                        | 218 755       | Extension for reply within fourth month                                    |               |                          |          |
| 128 2,060                        | 228 1,030     | Extension for reply within fifth month                                     |               |                          |          |
| 119 310                          | 219 155       | Notice of Appeal                                                           |               |                          |          |
| 120 310                          | 220 155       | Filing a brief in support of an appeal                                     |               |                          |          |
| 121 270                          | 221 135       | Request for oral hearing                                                   |               |                          |          |
| 138 1,510                        | 138 1,510     | Petition to institute a public use proceeding                              |               |                          |          |
| 140 110                          | 240 55        | Petition to revive - unavoidable                                           |               |                          |          |
| 141 1,320                        | 241 660       | Petition to revive - unintentional                                         |               |                          |          |
| 142 1,320                        | 242 660       | Utility issue fee (or reissue)                                             |               |                          |          |
| 143 450                          | 243 225       | Design issue fee                                                           |               |                          |          |
| 144 670                          | 244 335       | Plant issue fee                                                            |               |                          |          |
| 122 130                          | 122 130       | Petitions to the Commissioner                                              |               |                          |          |
| 123 50                           | 123 50        | Petitions related to provisional applications                              |               |                          |          |
| 126 240                          | 126 240       | Submission of Information Disclosure Stmt                                  |               |                          |          |
| 581 40                           | 581 40        | Recording each patent assignment per property (times number of properties) |               |                          |          |
| 146 790                          | 246 395       | Filing a submission after final rejection (37 CFR 1.129(a))                |               |                          |          |
| 149 790                          | 249 395       | For each additional invention to be examined (37 CFR 1.129(b))             |               |                          |          |
| Other fee (specify) _____        |               |                                                                            |               |                          |          |
| Other fee (specify) _____        |               |                                                                            |               |                          |          |
| Reduced by Basic Filing Fee Paid |               |                                                                            |               | <b>SUBTOTAL (3) (\$)</b> | <b>0</b> |

Complete (if applicable)

|                         |                                                                                     |             |         |
|-------------------------|-------------------------------------------------------------------------------------|-------------|---------|
| Submitted By            |                                                                                     |             |         |
| Typed or Printed Name   | Paul R. Martin, Mgr., LBNL                                                          | Reg. Number | 24,593  |
| Signature               |  | Date        | 10/8/98 |
| Deposit Account User ID |                                                                                     |             |         |

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